

The University of Texas Medical Branch
Antimicrobial Susceptibility Profile
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Department of Pathology/Division of Clinical Microbiology

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PREFACE

The purpose of this profile is to report antimicrobial susceptibilities for clinically relevant organisms. This profile was prepared in accordance with CLSI document M39-A3, which recommends reporting of data for \geq 30 isolates of a given species, to achieve statistically valid estimates of % susceptibility value. **Please note that organisms with a minimum of ten (10) isolates tested have been included in this report. However, there may be less relative precision of % susceptibility value where fewer than 30 isolates are reported.**

Key:

n = number of isolates tested during the period 1/2015-12/2015.

Not all isolates were tested with each antibiotic.

_ = not tested, testing inappropriate, or testing not necessary

Anti-Infective Pharmacy Information

Anti-infective	Restricted	Dose	\$/day*	Anti-infective	Restricted	Dose	\$/day*
Amikacin	N	7.5 mg/kg Q12h IV	8	Ertapenem	N	1g Q24h IV	86
Amoxicillin-clavulanate	N	500mg Q8h PO	3	Fidaxomicin	Y	200mg Q12h PO	223
Ampicillin-sulbactam	N	3g Q6h IV	13	Gentamicin	N	1.5mg/kg Q8h IV	2
Ampicillin	N	2g Q6h IV	78	Imipenem-cilastatin	Y	500mg Q6h IV	34
Azithromycin	N	500mg Q24h IV	5	Levofloxacin	N	500mg Q24h PO	1
	N	250mg Q24h PO	2		N	500mg Q24h IV	4
Aztreonam	N	1g Q8h IV	82	Linezolid	Y	600mg Q12h IV	91
Cefazolin	N	1-2g Q8h IV	5		Y	600mg Q12h PO	322
Cefdinir	N	300mg Q12h PO	7	Meropenem	Y	1-2g Q8h IV	23
Cefepime	Y	1-2g Q8h IV	45	Metronidazole	N	500mg Q8h IV	6
Cefotaxime	N	2g Q8h IV	9		N	500mg Q8h PO	2
Ceftaroline	Y	600mg Q12h IV	259	Minocycline	Y	100mg Q12h IV	279
Ceftazidime	Y	2g Q8h IV	25		Y	100mg Q12h PO	1
Ceftriaxone	N	1-2g Q24 IV	3	Moxifloxacin	Y	400mg Q24h IV	12
Cephalexin	N	500mg Q6h PO	1		Y	400mg Q24h PO	3
Ciprofloxacin	Y	400mg Q12h IV	6	Nafcillin	N	2g Q4-6h IV	85
	Y	500mg Q12h PO	1	Nitrofurantoin	N	100mg Q12h PO	4
Clarithromycin	N	500mg Q12h PO	2	Piperacillin-tazobactam	N	3.375g Q6h IV	32
Clindamycin	Y	600-900mg Q8h IV	23	Polymyxin B	Y	15000units/kg Q12h	21
	Y	300-450mg Q6h PO	5	Tigecycline	Y	50mg Q12h IV	224
Colistin	Y	5mg/kg/day IV	56	Trimethoprim-sulfamethoxazole	N	5mg/kg Q8h IV	57
	Y	150mg Q12h Inhalation	48		N	2 DS tab Q12h PO	1
Daptomycin	Y	6 mg/kg Q24h IV	323	Tobramycin	N	1.5mg/kg Q8h IV	5
Doxycycline	N	100mg Q12h IV	26		Y	300mg Q12h Inhalation	248
	N	100mg Q12h PO	2	Vancomycin	N	15mg/kg Q12h IV	34

*Estimated cost is subject to change based on UTMB purchase agreements. Cost is based on 70kg adult.

Note: This is not an all inclusive list of available anti-infective agents at UTMB. Please refer to the UTMB online formulary.

Emergency Department Susceptibility Profile_Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates		Penicillins		Cephalosporins					Aminoglycosides			Carbapenem	Fluoroquinolone	Miscellaneous		
	Ampicillin	Ampicillin/subactam	Piperacillin/ tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ¹	Aztreonam	Trimethoprim/sulfamethoxazole	
<i>Escherichia coli</i>	327	_	57	97	89	91	91	91	99	91	91	100	73	94	91	67	
<i>Klebsiella pneumoniae</i>	53	100	75	88	85	88	87	88	90	99	95	90	100	96	84	88	83
<i>Proteus mirabilis</i> *	21	81	86	95	100	100	100	100	100	100	86	90	_	81	_	100	67
<i>Pseudomonas aeruginosa</i>	31	_	_	74	_	_	81	_	91	94	_	93	87	84	_	_	_

1_Urine isolates only

*Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").

GRAM POSITIVE COCCI	Number of Isolates		Penicillins		Fluoroquinolone ²	Tetracycline	Macrolide	Miscellaneous		
	Ampicillin	Oxacillin	Levofloxacin	Tetracycline	Erythromycin	Rifampin ⁵	Clindamycin	Trimethoprim/sulfamethoxazole	Vancomycin	
<i>Enterococcus faecalis</i> *	28	93	_	_	_	_	_	_	_	96
<i>Staphylococcus aureus</i>	184	_	47 ³	52	95	38	100	80	98	100
<i>Staphylococcus spp., coagulase negative</i>	54	_	56 ⁴	54	77	56	100	80	65	100

2_ *Staphylococcus* spp. may develop resistance during prolonged therapy with fluoroquinolones.

3_ 53% oxacillin (methicillin) resistant

4_ 44% oxacillin (methicillin) resistant

5-RX: Rifampin should not be used alone for chemotherapy.

ADULT INPATIENT SUSCEPTIBILITY PROFILE_Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates	Penicillins			Cephalosporins					Aminoglycosides			Carbapenem	Fluoroquinolone	Miscellaneous		
		Ampicillin	Ampicillin/sulbactam	Piperacillin/tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ¹	Aztreonam	Trimethoprim/sulfamethoxazole
<i>Acinetobacter baumannii</i> *	12	-	75	50	-	42	50	0	50	-	-	92	50	50	-	-	50
<i>Enterobacter cloacae</i>	32	-	-	84	-	88	84	84	94	97	91	91	94	94	-	84	88
<i>Escherichia coli</i>	341	30	42	76	79	84	83	83	85	100	81	82	99	57	69	84	56
<i>Klebsiella pneumoniae</i>	134	-	75	87	78	80	79	80	81	100	90	90	99	87	28	80	75
<i>Proteus mirabilis</i>	64	64	80	98	91	97	97	97	97	98	89	89	-	61	-	94	72
<i>Pseudomonas aeruginosa</i>	119	-	-	75	-	-	80	-	82	94	-	92	74	70	-	-	-
<i>Serratia marcescens</i> *	28	-	-	100	-	100	96	100	100	100	96	93	89	100	-	93	100
<i>Stenotrophomonas maltophilia</i> *	22	-	-	-	-	-	50	-	-	-	-	-	-	73	-	-	68

1_Urine isolates only
 *Calculated from fewer than the standard recd

GRAM POSITIVE COCCI	Number of Isolates	Penicillins				Cephalosporins ⁵				Fluoroquinolone ¹²	Tetracycline	Macrolide	Miscellaneous			
		Ampicillin	Oxacillin	Penicillin-CSF ⁵	Penicillin-Non-CSF ⁵	Cefotaxime-CSF	Cefotaxime-Non-CSF	Ceftriaxone-CSF	Ceftriaxon-Non-CSF	Levofloxacin	Tetracycline	Erythromycin	Rifampin ¹³	Clindamycin	Trimethoprim/sulfamethoxazole	Vancomycin
<i>Enterococcus faecalis</i>	238	96	-	-	-	-	-	-	-	-	-	-	-	-	-	95
<i>Enterococcus faecium</i>	65	14	-	-	-	-	-	-	-	-	-	-	-	-	-	29
<i>Staphylococcus aureus</i>	776	-	52 ³	-	-	-	-	-	42	91	43	99	75	93	100	
<i>Staphylococcus spp., coagulase neg.</i>	185	-	42 ⁴	-	-	-	-	-	32	80	31	93	52	48	100	
<i>Streptococcus Group A</i> ²	33	-	-	-	-	-	-	-	-	-	73	-	73	-	-	
<i>Streptococcus Group B</i> ²	37	-	-	-	-	-	-	-	-	-	46	-	68	-	-	
<i>Streptococcus pneumoniae</i>	31	-	-	55 ⁶	65 ⁷	81 ⁸	97 ⁹	65 ¹⁰	97 ¹¹	97	-	39	-	-	100	

2_Only tested for penicillin allergic patients
 3_48% resistant
 4-58% resistant
 5_Interpretive criteria for susceptibility of *S. pneumoniae* to cephalosporins and penicillin are different for CSF and non-CSF isolates.
 6_45% resistant
 7_35% resistant
 8_19% intermediate
 9_3% intermediate
 10_35% intermediate
 11_3% intermediate
 12_Staphylococcus spp. may develop resistance during prolonged therapy with fluoroquinolones.
 13_RX: Rifampin should not be used alone for chemotherapy.

ADULT INTENSIVE CARE UNITS SUSCEPTIBILITY PROFILE_Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates	Penicillins			Cephalosporins					Aminoglycosides			Carbapenem	Flouroquinolone	Miscellaneous		
		Ampicillin	Ampicillin/Subactam	Piperacillin/Tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ¹	Aztreonam	Trimethoprim/Sulfamethoxazole
<i>Escherichia coli</i>	58	31	34	85	72	85	85	85	85	100	88	83	100	55	81	86	60
<i>Klebsiella pneumoniae</i>	30	-	70	80	87	70	70	70	70	100	90	90	90	83	27	70	73
<i>Pseudomonas aeruginosa</i>	40	-	-	68	-	-	65	-	70	83	-	75	75	78	-	-	-

1_Urine isolates only

GRAM POSITIVE COCCI	Number of Isolates	Penicillins		Flouroquinolone ⁴	Tetracycline	Macrolide	Miscellaneous				
		Ampicillin	Oxacillin	Levofloxacin	Tetracycline	Erythromycin	Rifampin ⁵	Clindamycin	Trimethoprim/Sulfamethoxazole	Vancomycin	
<i>Enterococcus faecalis</i>	37	100	-	-	-	-	-	-	-	-	94
<i>Staphylococcus aureus</i>	81	-	58 ²	55	93	41	100	73	98	100	
<i>Staphylococcus spp., coagulase neg.*</i>	25	-	40 ³	62	68	36	96	56	64	100	

*Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").

2- 42% resistant

3- 60% resistant

4- *Staphylococcus* spp. may develop resistance during prolonged therapy with fluoroquinolones.

5-RX: Rifampin should not be used alone for chemotherapy.

ADULT OUTPATIENT SUSCEPTIBILITY PROFILE_Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates	Penicillins			Cephalosporins					Aminoglycosides			Carbapenem	Fluoroquinolone	Miscellaneous		
		Ampicillin	Ampicillin/sulbactam	Piperacillin/ tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ¹	Aztreonam	Trimethoprim/sulfamethoxazole
<i>Acinetobacter baumannii</i> *	24	–	71	35	–	59	71	12	76	–	–	76	76	–	–	71	
<i>Citrobacter freundii</i> *	23	–	–	100	–	100	100	100	100	100	96	100	100	96	100	87	
<i>Citrobacter koseri</i>	54	–	–	100	98	100	100	100	100	100	100	100	100	87	100	100	
<i>Enterobacter aerogenes</i>	35	–	–	89	–	97	91	94	100	100	100	100	100	14	97	100	
<i>Enterobacter cloacae</i>	53	–	–	89	–	89	89	89	100	100	98	98	100	100	47	87	91
<i>Escherichia coli</i>	2,725	48	59	96	92	95	95	94	95	100	90	92	100	80	95	95	69
<i>Klebsiella oxytoca</i> *	26	–	69	88	88	100	100	100	100	100	92	100	100	73	92	96	
<i>Klebsiella pneumoniae</i>	432	–	86	96	95	96	95	95	95	99	98	96	99	97	43	95	88
<i>Morganella morganii</i> *	14	–	–	93	–	93	100	93	100	100	86	100	–	71	–	93	71
<i>Proteus mirabilis</i>	182	84	92	100	99	99	99	99	99	100	96	97	–	91	–	99	85
<i>Pseudomonas aeruginosa</i>	151	–	–	86	–	–	92	–	91	97	–	98	83	77	–	–	–
<i>Serratia marcescens</i> *	14	–	–	100	–	93	93	93	100	100	93	93	100	86	–	93	100

1_Urine isolates only

*Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").

GRAM POSITIVE COCCI	Number of Isolates	Penicillins		Fluoroquinolone ⁵	Tetracycline	Macrolide	Miscellaneous				
		Ampicillin	Oxacillin	Levofloxacin	Tetracycline	Erythromycin	Rifampin ⁸	Clindamycin	Trimethoprim/sulfamethoxazole	Vancomycin	
<i>Enterococcus faecalis</i>	46	98	–	–	–	–	–	–	–	98	–
<i>Staphylococcus aureus</i>	395	–	60 ³	65	89	43	99	82	96	100	–
<i>Staphylococcus spp., coagulase neg.</i>	67	–	58 ⁴	54	85	49	100	73	67	100	–
<i>Streptococcus Group A</i> ²	11	–	–	–	–	73 ⁶	–	91 ⁹	–	–	–
<i>Streptococcus Group B</i> ²	55	–	–	–	–	35 ⁷	–	49 ¹⁰	–	–	–

2_Only tested for penicillin allergic patients

3_ 40% oxacillin (methicillin) resistant

4_42% oxacillin (methicillin) resistant

5_*Staphylococcus* spp. may develop resistance during prolonged therapy with fluoroquinolones.

6_27% resistant

7_9% intermediate; 56% resistant

8-RX: Rifampin should not be used alone for chemotherapy.

9_9% resistant

10_ 51% resistant

PEDIATRIC INPATIENT SUSCEPTIBILITY PROFILE _ Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates	Penicillins			Cephalosporins					Aminoglycosides			Carbapenem	Flouroquinolone	Miscellaneous		
		Ampicillin	Ampicillin/sulbactam	Piperacillin/ tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ¹	Aztreonam	Trimethoprim/sulfamethoxazole
<i>Escherichia coli</i>	94	42	51	92	87	91	91	91	100	89	89	100	91	99	92	61	
<i>Klebsiella pneumoniae</i> *	20	-	65	88	71	71	71	71	100	76	76	100	100	71	71	88	
<i>Pseudomonas aeruginosa</i> *	19	-	-	89	-	-	95	-	100	100	95	100	89	-	-	-	

GRAM POSITIVE COCCI	Number of Isolates	Penicillins		Flouroquinolone ³	Tetracycline	Macrolide	Miscellaneous			
		Ampicillin	Oxacillin	Levofloxacin	Tetracycline	Erythromycin	Rifampin ⁴	Clindamycin	Trimethoprim/sulfamethoxazole	Vancomycin
<i>Enterococcus faecalis</i> *	16	100	-	-	-	-	-	-	-	100
<i>Staphylococcus aureus</i>	95	-	49 ²	68	91	36	99	81	100	100

1-Urine isolates only

*Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").

2_51% oxacillin (methicillin) resistant

3-*Staphylococcus* spp. may develop resistance during prolonged therapy with fluoroquinolones.

4-RX: Rifampin should not be used alone for chemotherapy.

PEDIATRIC OUTPATIENT SUSCEPTIBILITY PROFILE _ Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates	Penicillins			Cephalosporins					Aminoglycosides		Carbapenem	Flouroquinolone		Miscellaneous		
		Ampicillin	Ampicillin/sulbactam	Piperacillin/ tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ³	Aztreonam	Trimethoprim/sulfamethoxazole ⁴
<i>Enterobacter cloacae</i> *	14	100	-	-	80	0	100	80	80	80	100	100	100	-	73	100	87
<i>Escherichia coli</i>	518	100	42	52	96	93	96	96	96	96	95	100	86	89	92	93	52
<i>Klebsiella pneumoniae</i> *	28	100	-	66	100	100	100	100	100	100	100	100	100	14	86	100	86
<i>Moraxella catarrhalis</i>	86	-	0 ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Proteus mirabilis</i> *	29	92	-	-	100	0	100	92	100	92	92	92	-	100	-	92	100
<i>Pseudomonas aeruginosa</i>	38	-	-	100	-	-	100	-	100	100	-	100	91	94	-	-	-

1_Based on beta_lactamase testing

2_Urine isolates only

*Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").

GRAM POSITIVE COCCI	Number of Isolates	Penicillins				Cephalosporins ⁵				Flouroquinolone ¹¹	Tetracycline	Macrolide	Miscellaneous			
		Ampicillin	Oxacillin	Penicillin-CSF ⁵	Penicillin-Non-CSF ⁵	Cefotaxime_CSF	Cefotaxime-Non-CSF	Ceftriaxone-CSF	Ceftriaxone-Non-CSF	Levofloxacin	Tetracycline	Erythromycin	Rifampin ¹²	Clindamycin	Trimethoprim/sulfamethoxazole ⁴	Vancomycin
<i>Enterococcus faecalis</i> *	23	100	-	-	-	-	-	-	-	-	-	-	-	-	-	100
<i>Staphylococcus aureus</i>	499	-	66 ⁴	-	-	-	-	-	-	78	87	42	99	83	98	100
<i>Streptococcus Group A</i> ³	24	-	-	-	-	-	-	-	-	-	-	91	-	93	-	-
<i>Streptococcus pneumoniae</i>	145	-	-	31 ⁶	70 ⁷	79 ⁸	99 ⁹	63 ¹⁰	100	100	-	36	-	90	-	100

3_Only tested for penicillin allergic patients

4_34% oxacillin (methicillin) resistant

5- Interpretive criteria for susceptibility of *S. pneumoniae* to penicillin and cephalosporins are different for CSF and non-CSF isolates.

6-69% resistant

7-30% resistant

8-18% intermediate; 3% resistant

9-1% resistant

10-36% intermediate; 1% resistant

11-*Staphylococcus* spp. may develop resistance during prolonged therapy with fluoroquinolones.

12_RX: Rifampin should not be used alone for chemotherapy.

TDCJ INPATIENT SUSCEPTIBILITY PROFILE _ Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates			Penicillins					Cephalosporins					Aminoglycosides			Carbapenem	Flouroquinolone	Miscellaneous	
	Ampicillin	Ampicillin/sulbactam	Piperacillin/ tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ¹	Aztreonam	Trimethoprim/sulfamethoxazole				
<i>Acinetobacter baumannii</i> *	20	_	93	62	_	50	68	6	87	_	_	93	93	87	_	_	75			
<i>Citrobacter koseri</i> *	27	_	_	100	96	100	100	100	100	100	100	100	96	70	100	85				
<i>Enterobacter cloacae</i> *	15	_	_	78	0	57	57	57	100	100	57	64	100	_	33	57	35			
<i>Escherichia coli</i>	216	41	52	99	94	97	97	97	97	100	88	90	100	72	93	97	52			
<i>Klebsiella pneumoniae</i>	58	_	67	87	67	68	68	68	68	100	79	79	98	87	27	68	62			
<i>Proteus mirabilis</i>	60	40	_	_	70	85	81	84	85	100	100	98	_	54	_	85	32			
<i>Pseudomonas aeruginosa</i>	70	_	_	91	_	_	91	_	91	94	_	92	75	68	_	_	_			
<i>Serratia marcescens</i> *	11	_	_	100	_	100	81	100	100	100	72	63	100	_	90	81	100			

1_Urine isolates only

*Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").

GRAM POSITIVE COCCI	Number of Isolates		Penicillins		Flouroquinolone ³	Tetracycline	Macrolide	Miscellaneous		
	Ampicillin	Oxacillin	Levofloxacin	Tetracycline	Erythromycin	Rifampin ⁴	Clindamycin	Trimethoprim/sulfamethoxazole	Vancomycin	
<i>Enterococcus faecalis</i> *	16	93	_	_	_	_	_	_	_	93
<i>Staphylococcus aureus</i>	157	_	38 ²	46	85	33	95	69	77	100

2_62%% oxacillin (methicillin) resistant

3-Staphylococcus spp. may develop resistance during prolonged therapy with fluoroquinolones.

4-RX: Rifampin should not be used alone for chemotherapy.

TDCJ OUTPATIENT SUSCEPTIBILITY PROFILE _ Percent Susceptible

GRAM NEGATIVE BACILLI	Number of Isolates	Penicillins			Cephalosporins					Aminoglycosides			Carbapenem	Flouroquinolone	Miscellaneous		
		Ampicillin	Ampicillin/subactam	Piperacillin/ tazobactam	Cefazolin	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Amikacin	Gentamicin	Tobramycin	Imipenem	Levofloxacin	Nitrofurantoin ¹	Aztreonam	Trimethoprim/sulfamethoxazole
<i>Acinetobacter baumannii</i> *	28	-	82	76	-	68	68	9	68	-	-	91	82	77	-	-	64
<i>Citrobacter koseri</i>	32	-	-	76	96	100	96	100	100	96	96	100	96	89	96	96	
<i>Enterobacter aerogenes</i> *	27	-	-	85	-	89	85	85	100	100	100	100	100	37	89	100	
<i>Enterobacter cloacae</i>	54	-	-	87	-	89	87	85	96	100	93	100	96	51	85	85	
<i>Escherichia coli</i>	942	100	43	95	89	92	92	92	92	100	90	90	100	89	96	92	63
<i>Klebsiella oxytoca</i> *	26	-	65	88	77	92	88	92	92	100	92	92	100	88	92	77	
<i>Klebsiella pneumoniae</i>	273	-	73	83	77	80	79	80	80	100	87	86	100	92	52	80	76
<i>Proteus mirabilis</i>	107	100	-	66	91	97	98	97	98	100	86	92	-	70	-	98	59
<i>Pseudomonas aeruginosa</i>	219	-	-	74	-	-	79	-	84	93	-	93	73	93	-	-	-
<i>Serratia marcescens</i>	35	-	-	100	-	97	94	97	97	97	94	86	100	94	-	94	97
<i>Stenotrophomonas maltophilia</i>	33	-	-	-	-	-	57	-	-	-	-	-	-	88	-	-	76

1_Urine isolates only

*Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").

GRAM POSITIVE COCCI	Number of Isolates	Penicillins		Flouroquinolone ³	Tetracycline	Macrolide	Miscellaneous			
		Ampicillin	Oxacillin	Levofloxacin	Tetracycline	Erythromycin	Rifampin ⁴	Clindamycin	Trimethoprim/sulfamethoxazole	Vancomycin
<i>Enterococcus faecalis</i> *	26	96	-	-	-	-	-	-	-	93
<i>Staphylococcus aureus</i>	393	-	43 ²	46	85	43	98	68	64	100

2- 57% oxacillin (methicillin) resistant

3-*Staphylococcus* spp. may develop resistance during prolonged therapy with fluoroquinolones.

4_RX: Rifampin should not be used alone for chemotherapy.

MYCOBACTERIUM TUBERCULOSIS- % SUSCEPTIBLE INCLUDES ALL INPATIENT AND OUTPATIENT DATA	Number of Isolates	Isoniazid (low)	Isoniazid (high)*	Ethambutol	Rifampin
<i>Mycobacterium tuberculosis</i>	33	90	50**	100	100

*Testing at a high level of INH is performed only on isolates that exhibit low-level resistance to INH (n=2).

**Calculated from fewer than the standard recommendation of 30 isolates (See "Preface").